

PKI Equipment

R&R is pleased to represent Pacific Kiln & Insulations Co., Inc. (PKI) in North America and Europe. Dedicated to providing economical equipment to the investment casting industry, PKI is widely regarded as the world's leading manufacturer of FlashFire Dewax Systems. However, their expertise goes well beyond burnout or shell building equipment.



FlashFire Dewax Systems

FlashFire Dewax Systems have tremendous advantages over traditional dewax methods, reducing many time-consuming steps into one efficient, effective process. Dewax, burnout and, in many cases, preheat can be achieved in one simple cycle. Available options include the Elevator FlashFire Dewax System, Standard FlashFire Dewax System and New Generation FlashFire Dewax System.



Burnout Furnaces

Burnout Furnaces are manufactured specifically for use in the investment casting industry and are tailored to fit the individual foundry's needs. Available options include the Standard Burnout Furnace and New Generation Burnout Furnace.



Deluxe Slurry Mixer

The Deluxe Slurry Mixer offers casters a stainless steel tank and blade to provide a contamination-free shell-building environment. The Deluxe Slurry Mixer comes standard with a gearbox that is protected from slurry splash – protecting the inner workings of the machine and offering the foundry a virtually silent mixer. Available in 90, 160, 250, 375 and 725 gallon capacities.



Economy Slurry Mixer

The Economy Slurry Mixer features a polyethylene tank, stainless steel blade and double-belt reduction drive. As the name implies, it is simple, safe, durable and affordable. The motor is protected from slurry droppings, but unlike the Deluxe Slurry Mixer, is not enclosed. Available in 30, 75, and 130 gallon capacities.



Tear Drop Slurry Mixer

The Tear Drop Slurry Mixer is an exclusive product for PKI. Its unique design prevents excess slurry from settling at the bottom of the tank; which is constructed of heavy molded fiberglass and has a smooth white inside surface. The tank, which can be removed and replaced without any disassembly, sits in a heavy duty tubular frame that holds it securely in place. The stand is designed for use with the PKI Variable Speed Mixer. Available in 40 and 80 gallon capacities.



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PRODUCT DATA SHEET

Investing with Innovation™

PKI Equipment



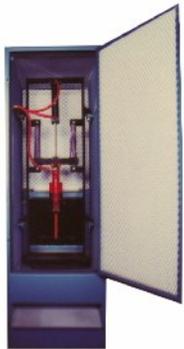
Barrel Rain Sander

The PKI Barrel Rain Sander was designed and built to withstand the rigors of foundry use. Among its many features, the Barrel Rain Sander provides accurate application of material to the mold without danger of damaging the pattern. It is equipped with a screen to catch snurds for easy cleaning and with a guard to catch sand and prevent operator access to the barrel. Available with 18", 24", 30", 36", 42", 48" and 60" openings.



Fluidized Bed Sander

The Fluidized Bed Sander is a simple, yet consistent means of applying stucco to the wet slurry shell. High pressure air is supplied to the bed plenum and is allowed to disperse evenly through the porous stone into the stucco medium, thus allowing it to float. The shell is then easily immersed into the stucco medium for coating. Comprised of two pieces for easy assembly and maintenance; a 4" half coupling on the bottom plenum section and a 3" half coupling on the upper tank for medium cleanout. The diffuser stone is available in medium or coarse porosity. Available with 18", 24", 30" and 36" openings.



Knockout Machine

The Knockout Machine is a cabinet-enclosed pneumatic cylinder that clamps the tree tightly while the air hammer vibrates ceramic material loose. The cabinet is sound insulated to provide a quiet shell removal environment. Available with a load area of 18 in³ or 24 in³.



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